

Reducing Nitrates in the Sand Plain Aquifers of Wadena County



Clean Water Funds: 2012

Clean Water Grant	\$91,305
Leveraged Funds*	\$23,000
Total Project Budget	\$114,305

^{*} Leveraged Funds include

Targeted Water:

Central Sand Plains Aqufiers

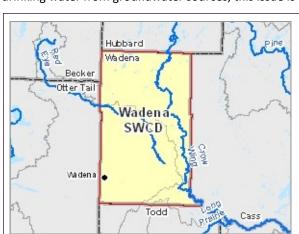
Project Sponsor:

Wadena Soil and Water Conservation District

Project Narrative

A large portion of Wadena County has been identified as having a high or moderate probability of elevated nitrate concentrations. With almost all of the residents in Wadnea County getting there drinking water from groundwater sources, this issue is a

top priority to the county. Through this project, nitrates and other water soluble contaminants leacing into sensitive sand plain aquifers will be reduced by providing cost-share incentives to encourage irrigation producers to convert high or medium pressure irrigation systems to low pressure systems. Technical assistance will be provided to producers to manage the application of irrigation through an irrigation scheduling program.



Grant Period:

January 2012—December 2014

Project Contact:

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C12-151 - Clean Water Assistance

Proposed Outcomes:

Low Pressure Conversion on 6 irrigation systems and Irrigation Management on 6 fields - Central Sand Plains Aqufiers

Proposed Reductions: 7,636 lbs/year Nitrogen

Actual Outcomes:

Project in Progress

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